NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

Pr	ool Baada B								GAS WELLS		nevised	12-1-	
	ool <u>Basin D</u> nitial <u>X</u>												
	mpany Southm									-	****		
Un	it	Sec <u>2</u>	7Twp.		R	ge <u>1</u>	2 P	urchaser_	El Paso Na	t. Gas C	io.		
Casing 4 Wt. 10.50 I.D.4.040 Set at 6044 Perf. 5948-62 To											85-95		
Tu	bing 1	vt. 2.	7I.I	.1.6	10 Se	et at 59	66	Perf	•	To	5966		
	s Pay: From											-0	
	oducing Thru												
Da	te of Complet	cion:	B/26/6	1	Packe	· r		Single-Bra	adenhead-G	G. or	G.O. Dual		
	7		-77 -	 -					rvoir Temp.				
-							VED DAT	TA .					
Tes	sted Through	SOURCE	r) (Ch	oke)	(MINORIA)	•			Type Ta	aps			
	Flow (Prover) (Choke)					Tub		ng Data	Casing	Casing Data		I	
No.	(Line)	COCOCC	XXXX	ress.	Diff.		Pres	1	Press.	i	2.0	ation Flow	
SI	Size	Siz	ie :	psig	h _w	°F.	psi	g °F.	psig	°F∙	H		
1.	3/4			193		68	2057 3 193		2057 834		7 days 3 hrs.		
1. 2. 3.											3 1153		
4.		<u> </u>					 				 		
<u>4.</u> 5.							<u> </u>				 		
No.	/ 1 / "		$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$			F _t		Facto F _g	r Fact	Factor F _{pv}		Rate of Flow Q-MCFPD @ 15.025 psia	
1. 2. 3. 4.					203	.9924		•9463	1.0	22	2,432		
30 4.				+									
5.											 -		
rav:	Liquid Hydrodity of Liquid	l Hydro	Ratio carbons (1-e			cf/bbl. deg.		Spec Spec	cific Grav cific Grav	ity Sepa ity Flow PC 42	ing Fluid	<u> </u>	
	$P_{\mathbf{w}}$		1	- T -				Pw	846	P2w 7	15,7		
No.	Pt (psia)	$P_{\mathbf{t}}^{2}$	F _c Q		$(F_cQ)^2$	(F.	(2) ² -e ^{-s})	$P_{\mathbf{w}}^2$	$P_c^2 - P_w^2$	Ca	l. Pw Pc	<u>.</u>	
1. 2.								715.7	3565.0		.408		
3.													
4. 5.													
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COMF	ANY					DENE	מעמ			- CETT			
						REMA	inks		(OIL CO DIS	9 1901 N. COM/		

INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q I Actual rate of flow at end of flow period at W. H. working pressure (P_W). MCF/da. @ 15.025 psia and 60° F.
- P_c 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pw Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- P_t Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- P_{f} Meter pressure, psia.
- $h_{\mathbf{W}}^{\perp}$ Differential meter pressure, inches water.
- F_g : Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{DV} Supercompressability factor.
- n I Slope of back pressure curve.

Note: If P_W cannot be taken because of manner of completion or condition of well, then P_W must be calculated by adding the pressure drop due to friction within the flow string to P_+ .